Abstract: The pulse beetle, *Callosobruchus maculatus* Fab., is most injurious to stored pulses having an important position among the stored pests. Considering the importance of the pest, attempts have been made to protect the pulses with edible and non-edible oils viz., sesame oil, mahua oil, coconut oil, mustard oil, groundnut oil, soybean oil, castor oil, karanj oil, neem oil and linseed oils. The ten oils of four doses selected for present investigation were also for assessment of these oils to record the per cent grain damage and per cent loss in seed weight at 150 days after treatment. Castor oil was most effective in which no seed damage and per cent loss in seed weight were recorded and it was found significantly superior to the rest of the treatments except neem oil. Whereas maximum seed damage (16.33%) and weight loss (13.56%) were found in coconut oil with the treatments 2.5 ml/kg. seed. Up to 90 days after treatment no loss in seed weight was found in mahua oil, groundnut oil, soybean oil, Castor oil, karanj oil and neem oil treatments.

Key Words: Edible and non-edible oils, Green gram, Storage, *Callosobruchus maculatus*


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